



National Weather Service

Storm Data and Unusual Weather Phenomena



June 2000

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	

CONNECTICUT, Northeast

Hartford County									
Granby	02	1650EST			0	0			Funnel Cloud
Hartford County									
Granby	02	1650EST			0	0			Hail(1.00)
Windham County									
Woodstock to Thompson	02	1717EST 1730EST			0	0			Thunderstorm Wind (G50)
Hartford County									
Avon	02	1725EST			0	0			Hail(0.75)
Tolland County									
Ellington	02	1730EST			0	0			Thunderstorm Wind (G50)
Tolland County									
Ellington	02	1740EST 1840EST			0	0			Flash Flood

Severe thunderstorms moved across northern Connecticut in advance of a strong cold front. The storms moved through late in the afternoon and early evening. In Hartford County, a spotter in Granby reported nickel to quarter size hail, and observed a funnel cloud near State Route 20. The hail accumulated two inches deep. In Ellington, in Tolland County, thunderstorm winds downed two large trees, and torrential rainfall caused flash flooding of a small stream in the vicinity of Pinney Road. The northeast corner of Windham County, including Woodstock and Thompson, saw substantial wind damage from the storms. In addition to numerous tree limbs and wires down, one large pine tree fell on a car, while a portion of another tree fell onto a house.

Hartford County									
Burlington	06 07	0000EST 0600EST			0	0			Heavy Rain

An unusual June nor'easter brought heavy rain to parts of northern Connecticut. The heaviest rain fell in Hartford County, where a total of 3.90 inches was reported in Burlington, and a total of 3.70 inches was reported in Windsor. Rainfall over the rest of the region totaled 2 to 3 inches. At Bradley International Airport in Windsor Locks, the high temperature of 54 degrees was the coolest high temperature on June 6. The previous record was 57 degrees set in 1982.

Hartford County									
Canton to Newington	11	1405EST 1429EST			0	8			Thunderstorm Wind (G55)

A pair of severe thunderstorms caused extensive wind damage in Hartford County. The most significant damage occurred in Farmington and New Britain where thunderstorm winds downed over one hundred trees. Nearly 88,000 electric customers from Canton to West Hartford and Newington were left without power. Six people were hurt by flying debris when the storms ripped through the Farmington Polo Grounds, where an antique fair was being held. Two others were injured in New Britain when they were pinned in their cars by fallen trees.

Hartford County									
Manchester	27	1430EST			0	0			Lightning

Lightning strikes from a thunderstorm downed wires in Manchester.

MASSACHUSETTS, Central and East

Hampshire County									
Worthington Corners	02	1537EST			0	0			Thunderstorm Wind (G52)
Hampden County									
Chester to Blandford	02	1545EST			0	0			Thunderstorm Wind (G50)



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MASSACHUSETTS, Central and East

Hampshire County

Leeds	02	1600EST 1601EST	0.5	15	0	0		Tornado (F1)
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Brief touchdown in Leeds and Pine Brook Farm sections of Northampton

Hampshire County

Northampton to Belchertown	02	1604EST 1625EST			0	0		Hail(1.75)
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Hampshire County

Northampton to Belchertown	02	1612EST 1625EST			0	1		Thunderstorm Wind (G90)
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Hampden County

Palmer	02	1630EST			0	0		Hail(0.75)
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Worcester County

West Warren	02	1636EST			0	0		Hail(0.88)
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Worcester County

Leominster	02	1650EST			0	0		Thunderstorm Wind (G50)
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Middlesex County

Concord	02	1710EST			0	0		Thunderstorm Wind (G50)
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Worcester County

Ashburnham	02	1715EST			0	0		Thunderstorm Wind (G50)
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Middlesex County

Framingham	02	1722EST			0	0		Hail(0.75)
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Suffolk County

(Bos)Logan Intl Arpt	02	1733EST			0	0		Thunderstorm Wind (G54) ^M
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Norfolk County

Walpole to Westwood	02	1738EST			0	0		Thunderstorm Wind (G50)
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Bristol County

Attleboro to Seekonk	02	1750EST 1752EST			0	0		Thunderstorm Wind (G50)
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Suffolk County

West Roxbury to Boston	02	1750EST 1755EST			0	0		Thunderstorm Wind (G50)
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Middlesex County

Framingham	02	1755EST			0	0		Thunderstorm Wind (G50)
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Norfolk County

Randolph	02	1758EST			0	0		Thunderstorm Wind (G50)
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Plymouth County

Hingham	02	1821EST			0	0		Thunderstorm Wind (G50)
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Severe thunderstorms moved through much of the Bay State in advance of a strong cold front, causing widespread damage. The storms began in western Massachusetts during the late afternoon, with numerous reports of downed trees, wires, and large hail in Hampshire and Hampden Counties. Hail as large as golf balls was reported in Granby.

Northampton received the brunt of the storm damage, where a brief tornado and microburst caused extensive damage and one injury. The tornado, rated F1 on the Fujita Scale with winds of 73 to 112 mph, touched down very briefly at 5 pm EDT in the higher elevations in Leeds, in the northwest section of Northampton. A few minutes later, the same tornado briefly touched down again near Bridge Road in the Pine Brook Farm portion of Northampton. The initial touchdown was only 15 yards wide at its maximum, about one half mile long, and lasted only one minute. It began near Kennedy Road, just to the west of the southern portion of Roberts Meadow Reservoir. It ended on the east side of the reservoir at Reservoir Road. Convergent tree damage was noted in these areas. The majority of the damage from this severe thunderstorm occurred from a very powerful microburst, with estimated winds between 90 and 105 mph, which affected the section of Northampton around Pine Brook Curve, Emily Lane, and Hatfield Street. Straight line wind damage was observed in this area, with large trees snapped in the middle, and in some cases at their bases. Four homes were declared uninhabitable due to large trees which had fell upon them. Hundreds of trees were downed as well as power lines. Hail, ranging in size from quarter to golf ball, accompanied this storm. Amazingly, only one minor injury occurred. A



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MASSACHUSETTS, Central and East

man was struck by a tree which fell into his kitchen, but was spared by his refrigerator, which acted as a shield according to several accounts.

In central and eastern Massachusetts, thunderstorm winds downed trees, branches, and power lines throughout many communities in Worcester, Middlesex, Norfolk, Suffolk, and Plymouth Counties. Dime to nickel size hail also accompanied the storms. At Logan International Airport in Boston, a wind gust to 62 mph was reported.

About 15,000 electric customers lost power during the storms as they moved through Massachusetts.

Essex County

Beverly	06 07	0000EST 0600EST	0	0	Heavy Rain
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Franklin County

Conway	06 07	0000EST 0600EST	0	0	Heavy Rain
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Hampden County

Southwick	06 07	0000EST 0600EST	0	0	Heavy Rain
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Hampshire County

Northampton	06 07	0000EST 0600EST	0	0	Heavy Rain
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Middlesex County

Belmont	06 07	0000EST 0600EST	0	0	Heavy Rain
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Norfolk County

Milton	06 07	0000EST 0600EST	0	0	Heavy Rain
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Plymouth County

Hingham	06 07	0000EST 0600EST	0	0	Heavy Rain
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Suffolk County

(Bos)Logan Intl Arpt	06 07	0000EST 0600EST	0	0	Heavy Rain
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MAZ004>005-007-011>016-019-022>024 **Northern Worcester - Western Middlesex - Eastern Essex - Eastern Hampden - Southern Worcester - Western Norfolk - Southeast Middlesex - Suffolk - Eastern Norfolk - Eastern Plymouth - Barnstable - Dukes - Nantucket**

06 07	2100EST 0100EST	0	0	Strong Wind
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MAZ011

Eastern Hampden

07	0600EST 0830EST	0	0	Flood
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Westfield River at Westfield

An unusual June nor'easter brought strong winds, heavy rain, and a brief period of flooding to Massachusetts. Northeast winds averaging 25 to 35 mph, with gusts as high as 50 mph, downed tree limbs and power lines in a number of communities in central and northeast Massachusetts, though damage was also reported in Southwick, in Hampden County. About 10,000 electric customers lost power throughout the state, of which 2,500 were in Greater Boston.

Rainfall totals of 3 to 5 inches were common throughout much of the state, but were more concentrated along the east slopes of the Berkshires, in the Worcester hills, and inside the I-495 belt. Some of the higher amounts reported include 4.95 inches in Southwick, 4.70 inches in Conway, 4.63 inches in Belmont, 4.05 inches in Beverly, 3.44 inches in Milton, and 3.42 inches in Bristol. At Logan International Airport in Boston, the 4.00 inches of rain which fell on June 6 broke the previous record rainfall for the date, which was 2.98 inches set in 1986. Poor drainage flooding closed a section of Morrissey Boulevard in Dorchester, while the northbound side of the Southeast Expressway at East Milton was impassable for a brief time. In Worcester, the high temperature for the day only reached 51 degrees, which broke the previous record for coolest high temperature of 52 degrees set in 1993.

The heavy rain caused the Westfield River at Westfield to briefly go into a minor flood. The river crested at 13.05 feet at 830 am EDT, which was just over its flood stage of 13 feet. No damage was reported.



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<u>MASSACHUSETTS, Central and East</u>									
Norfolk County									
Brookline	17	1500EST			0	0			Thunderstorm Wind (G50)
An isolated severe thunderstorm downed large branches and wires on Longwood Avenue in Brookline.									
Hampshire County									
Northampton	22	1700EST			0	0			Thunderstorm Wind (G50)
An isolated severe thunderstorm produced damaging winds in the Oxbow section of Northampton. Three trees were uprooted and a houseboat was destroyed.									
Hampden County									
Tolland	25	2006EST			0	0			Thunderstorm Wind (G50)
Hampshire County									
Huntington	25	2006EST			0	0			Thunderstorm Wind (G50)
Severe thunderstorms downed trees and large branches in Huntington, and also downed large tree limbs in Tolland.									
Hampshire County									
Pelham	26	1421EST			0	0			Hail(0.75)
Franklin County									
New Salem	26	1426EST			0	0			Hail(0.75)
Worcester County									
Hardwick	26	1429EST			0	0			Thunderstorm Wind (G50)
Severe thunderstorms produced dime size hail in Pelham and New Salem. In Hardwick, thunderstorm winds overturned six boats on Quabbin Reservoir.									
Middlesex County									
Westford to Hopkinton	27	1246EST 1330EST			1	3			Lightning
M150U									
Middlesex County									
Lincoln to Woburn	27	1315EST 1318EST			0	0			Thunderstorm Wind (G50)
Essex County									
Georgetown to Wenham	27	1325EST 1336EST			0	0			Thunderstorm Wind (G50)
Suffolk County									
Dorchester	27	1420EST			0	0			Thunderstorm Wind (G50)
Norfolk County									
Quincy	27	1421EST			0	0			Hail(1.00)
Worcester County									
Uxbridge	27	1444EST			0	0			Hail(0.75)
Norfolk County									
Bellingham	27	1445EST			0	0			Hail(0.75)
Plymouth County									
Hull	27	1445EST			0	0			Thunderstorm Wind (G50)
Norfolk County									
Quincy	27	1500EST			0	0			Hail(0.75)
Norfolk County									
Quincy	27	1500EST			0	0			Thunderstorm Wind (G50)
Plymouth County									
Hull	27	1500EST			0	0			Hail(0.75)



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MASSACHUSETTS, Central and East

Bristol County

Taunton	27	1525EST			0	0			Hail(0.75)
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Plymouth County

West Bridgewater	27	1528EST			0	0			Hail(0.75)
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Plymouth County

Whitman	27	1551EST			0	0			Thunderstorm Wind (G50)
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Severe thunderstorms brought damaging winds and hail to much of central and eastern Massachusetts. As the storms moved through Middlesex County, lightning struck and killed a 15-year old boy in Westford, as he was doing yardwork. In Hopkinton, three 8-year old children were slightly injured when lightning hit a tree directly over them, sending pieces of bark into the air. Trees and wires were downed in Lincoln and Woburn. In Essex County, trees were reported down in Georgetown and Wenham, and one tree blocked a portion of Route 97. The storms then headed into the Boston metro area and South Shore, downing wires in Dorchester and dropping hail the size of quarters in Quincy. Dime size hail was reported in Bellingham, Hull, West Bridgewater, and at the National Weather Service Forecast Office in Taunton. Trees, limbs, and wires were downed in Hull, Quincy, and Whitman. Another severe thunderstorm produced dime size hail in Uxbridge.

Hampden County

Granville to Blandford	29	1500EST 1800EST			0	0			Flash Flood
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An isolated, nearly stationary thunderstorm dumped torrential rainfall on the Cobble Mountain Reservoir area, producing flash flooding along the border of Glanville and Blandford. An area covering roughly 20 to 50 square miles received 4 to 6 inches of rain in a short time, which resulted in three road washouts, including a portion of Beech Hill Road.

NEW HAMPSHIRE, Southern

Hillsborough County

Nashua	02	1650EST			0	0			Thunderstorm Wind (G50)
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A severe thunderstorm ahead of a strong cold front downed large tree branches in Nashua.

RHODE ISLAND

Providence County

Burrillville to Smithfield	02	1733EST 1740EST			0	0			Thunderstorm Wind (G52)
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Severe thunderstorms moved through northern Rhode Island, in advance of a strong cold front. A spotter in Greenville reported a gust to 62 mph. Large branches were reported down in Burrillville, Glocester, and Smithfield. Several trees were also downed.

Bristol County

Bristol	06 07	0000EST 0600EST			0	0			Heavy Rain
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RIZ006

Washington	06 07	2100EST 0100EST			0	0			Strong Wind
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An unusual June nor'easter brought strong winds and heavy rain to portions of Rhode Island. The brunt of the storm was felt near the coast, where strong winds gusted as high as 47 mph on Block Island. The heaviest rain fell in Bristol County, where 3.42 inches of rain was reported by a spotter. The rest of the Ocean State received 2 to 3 inches of rain from the storm. There were no reports of flooding.



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RHODE ISLAND

Providence County

Scituate	11	1405EST			0	0			Thunderstorm Wind (G50)
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Kent County

Warwick	11	1420EST			0	0			Hail(0.75)
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Isolated severe thunderstorms downed trees in Scituate, and produced dime size hail in Warwick

Providence County

Burrillville	27	1525EST			0	0			Lightning
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Lightning struck a church steeple in Burrillville, igniting a fire that nearly destroyed the church